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(54) Title: CASCADING KEY ENCRYPTION

(57) Abstract: A method for securely transmitting data involves generating keys depending on previous keys and additional information, such as a password, in order to create a pseudo one-time pad. The data is encrypted using the pseudo one-time pad prior to transmission. Only the initial key and minimal additional data are transferred between the sender and receiver in order to synchronize the keys.



**WO 2004/092956 A1**